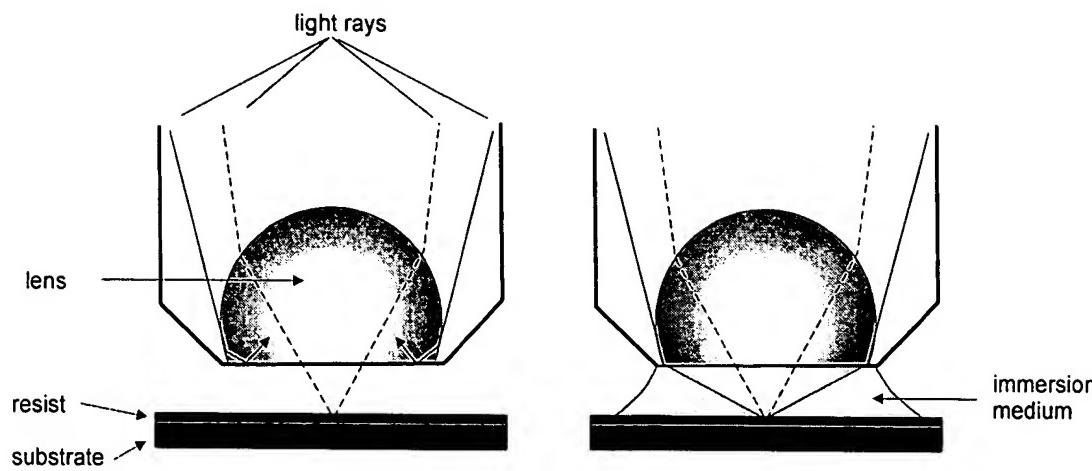


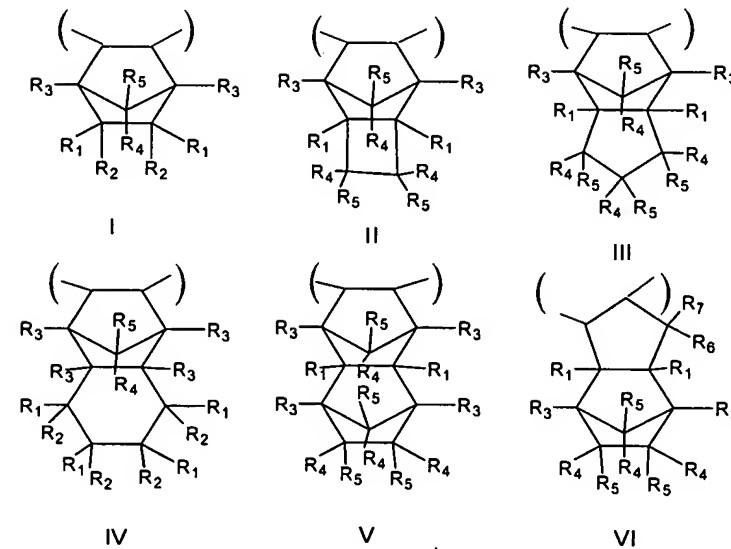


### Drawings



5

Figure 1: Optical path of light rays for air and an immersion medium.



10

Figure 2: Multicyclic repeat units comprising an ionizable group

15

20

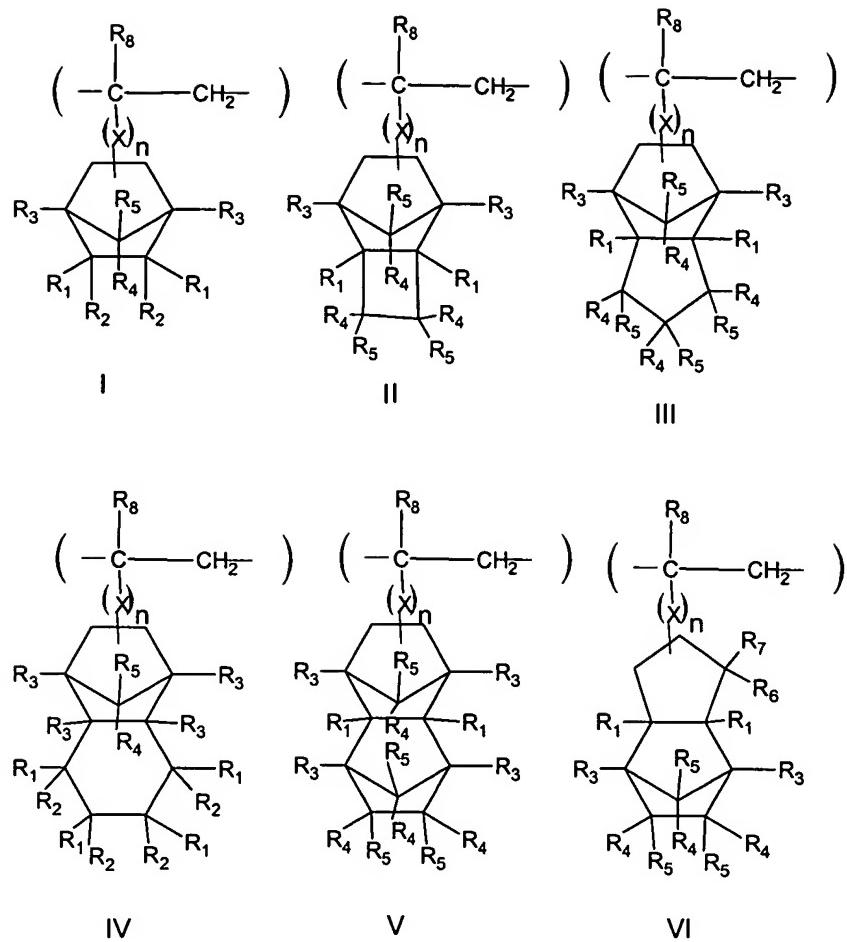


Figure 3: Multicyclic repeat units that comprising an ionizable group.

5

10

15

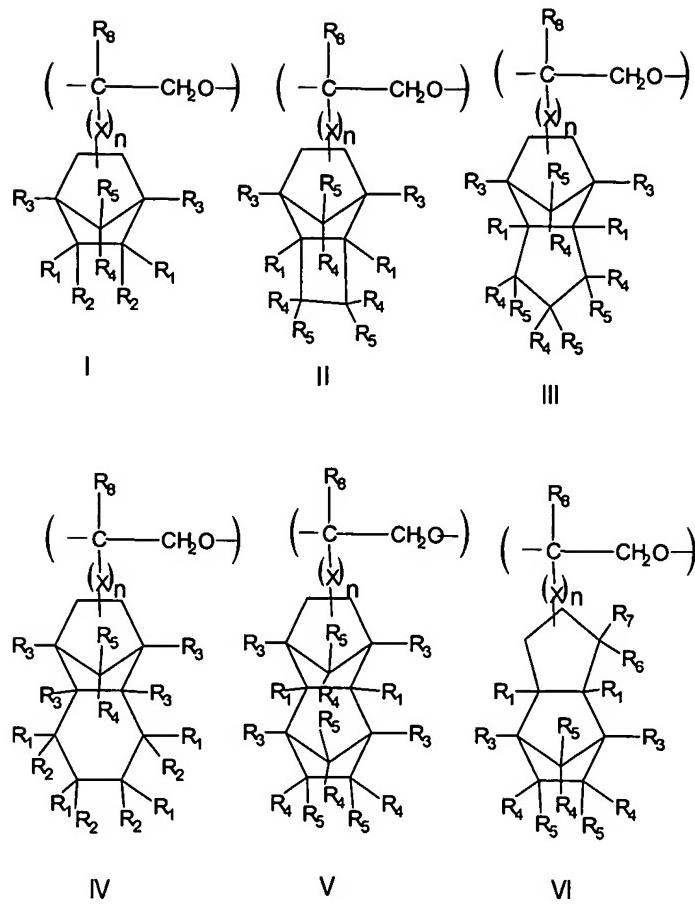


Figure 4: Multicyclic units with an ionizable group.

5

10

15

20

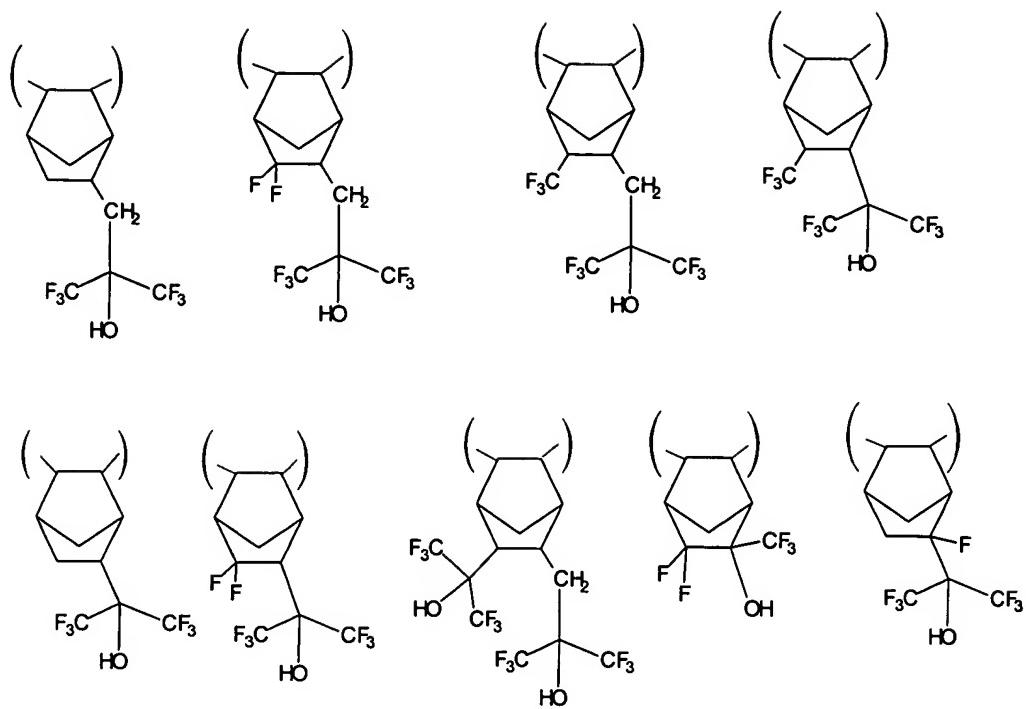


Figure 5: Examples of fluoroalcohol bearing norbornene repeat units.

5

10

15

20

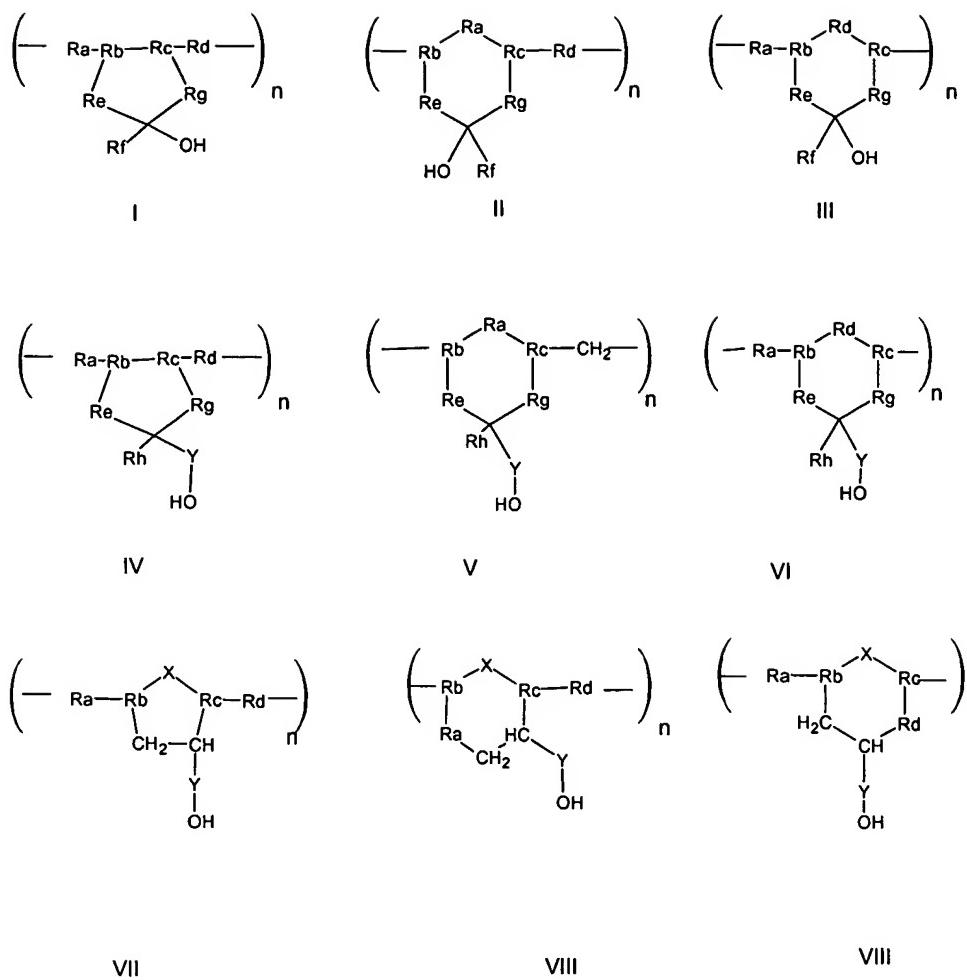


Figure 6: Monocyclic polymers having pendant hydroxy groups

5

10

15

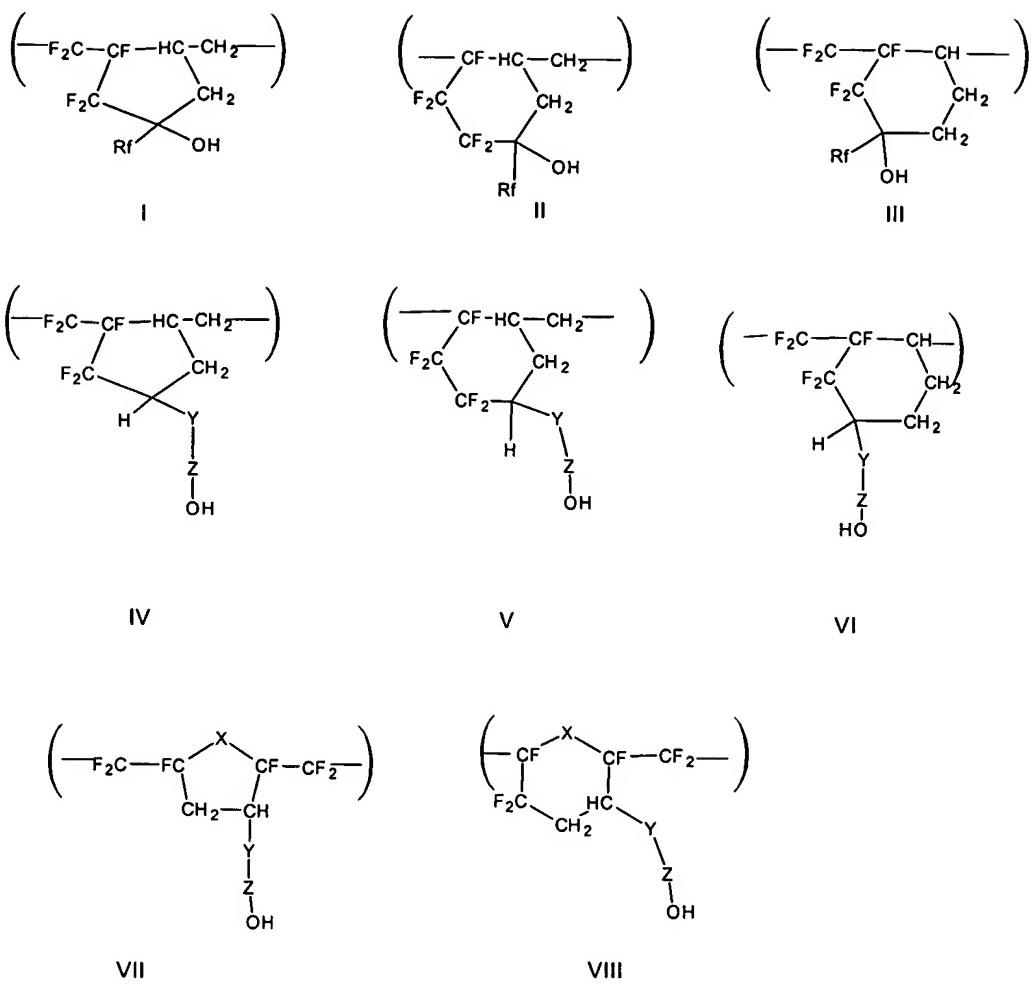


Figure 7: Partially fluorinated monocyclic polymers having pendant alcohol groups

5

10

15

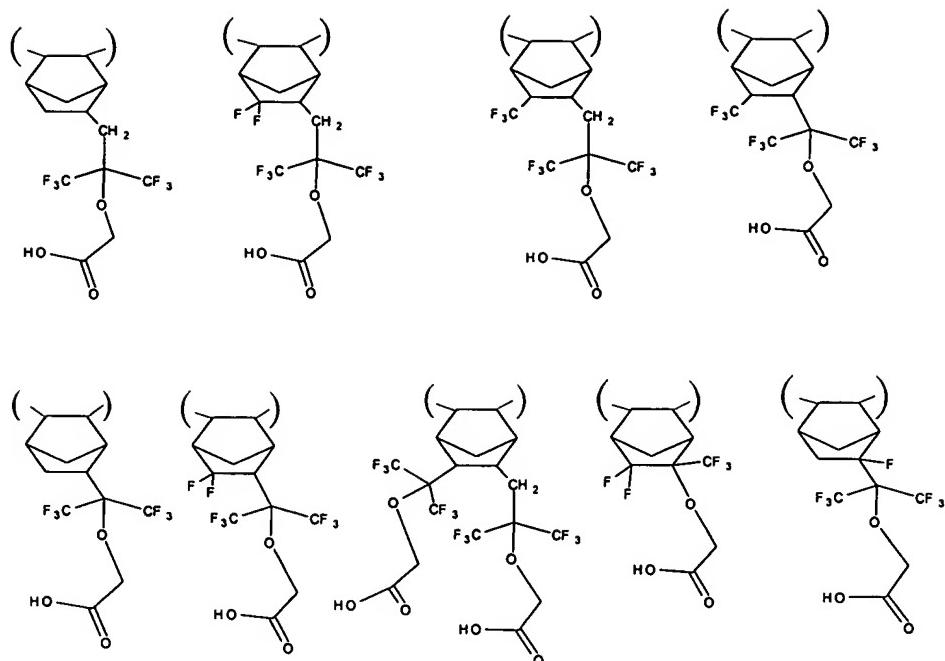


Figure 8: Examples of alkylcarboxylic acid capped norbornene repeat units.

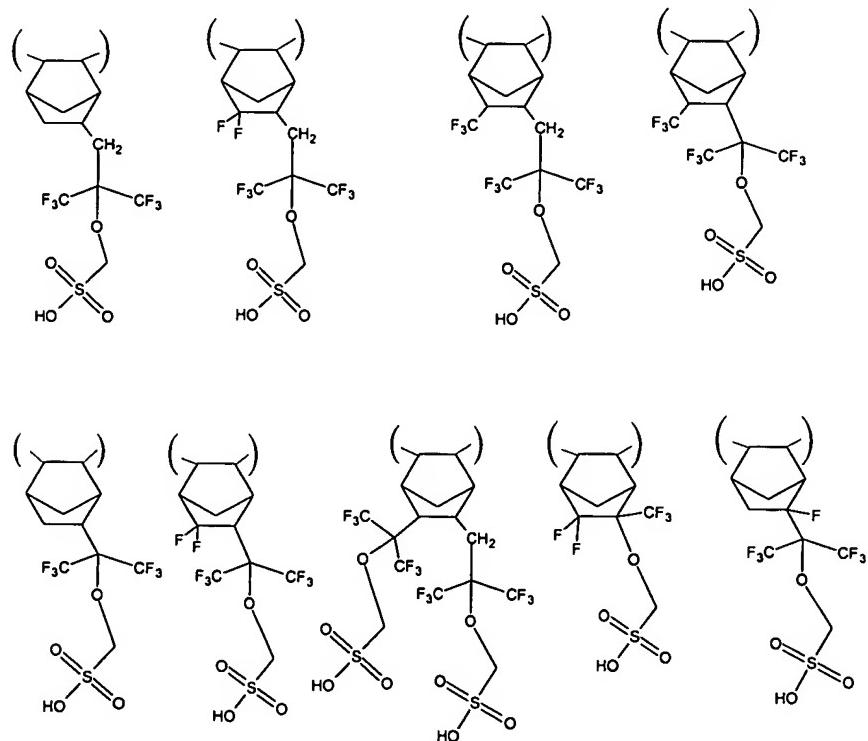


Figure 9: Examples of alkylsulfonic acid capped norbornene repeat units.

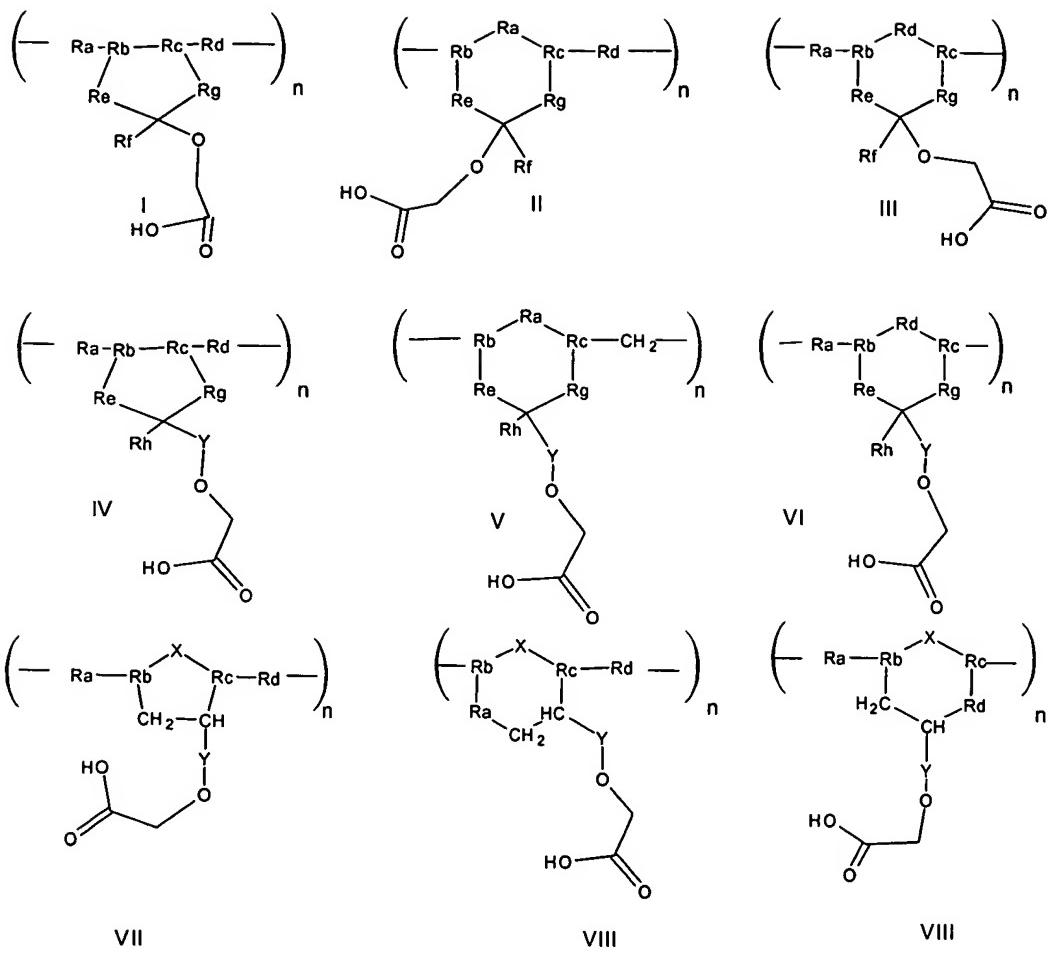


Figure 10: Generic monocyclic polymers

5

10

15

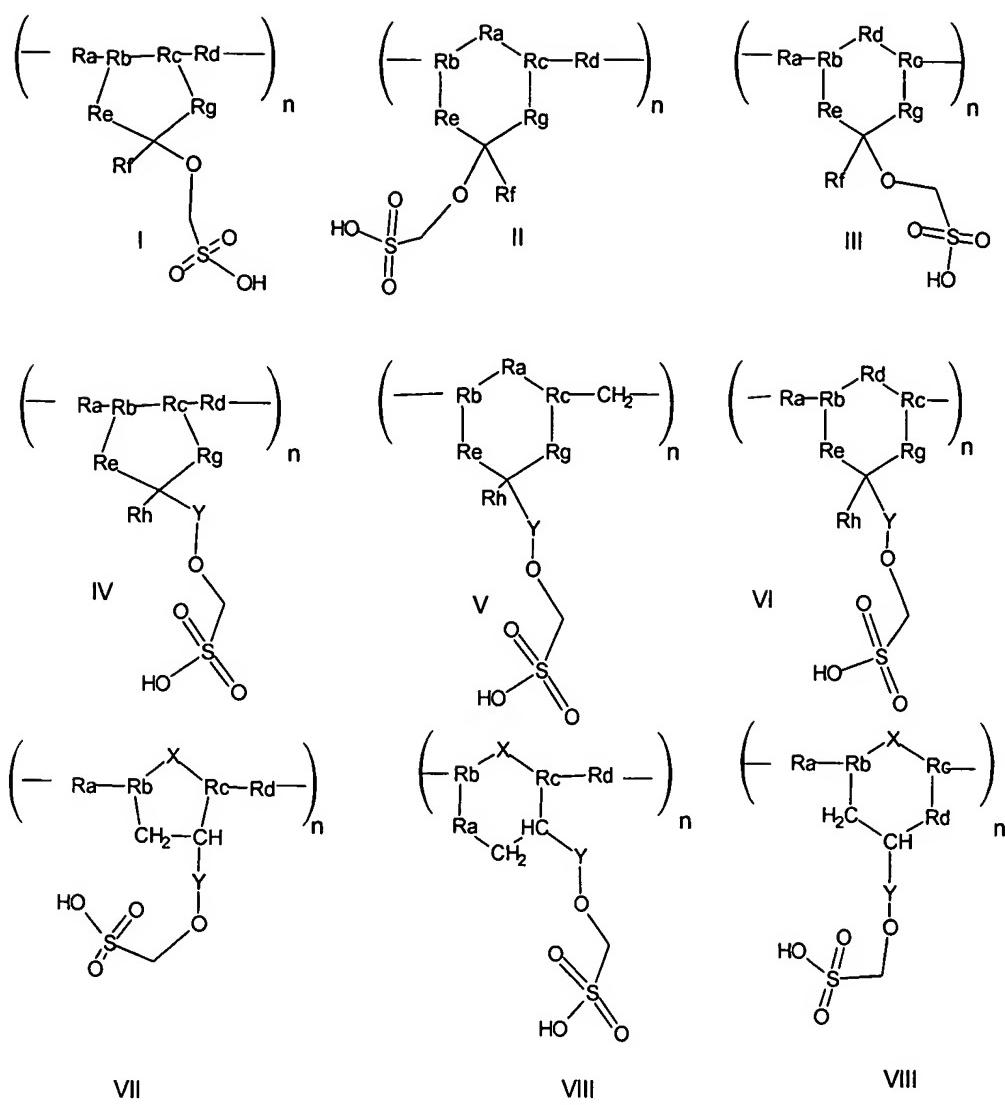


Figure11:Generic monocyclic polymers

5

10

15

Sheet 9 of 11

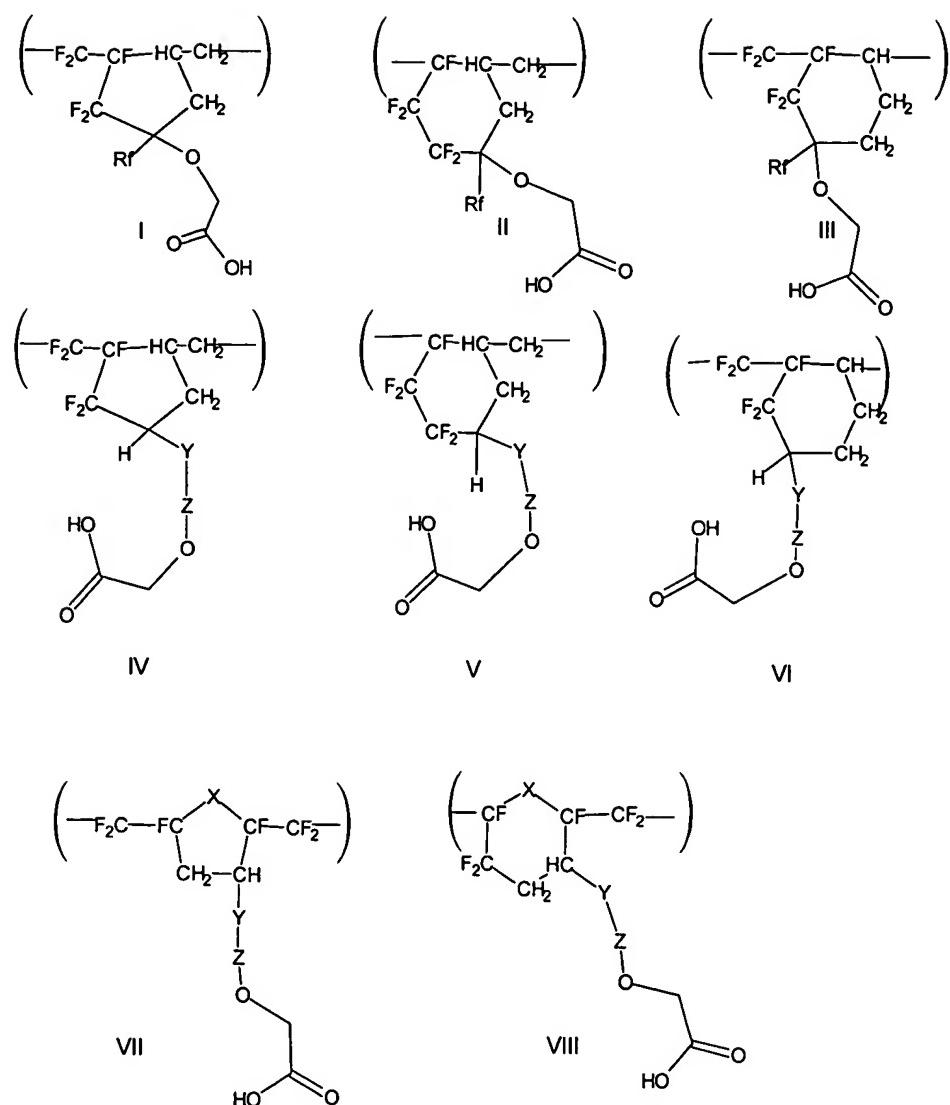


Figure 12: Partially fluorinated monocyclic polymers

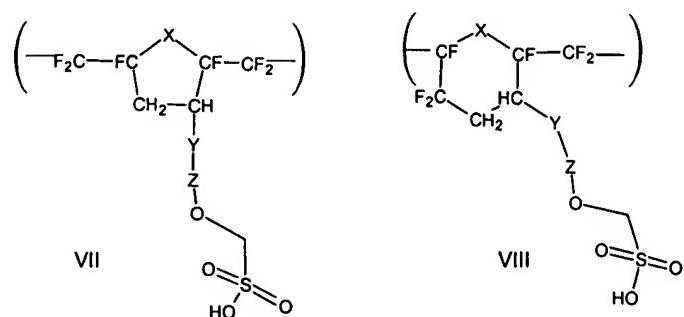
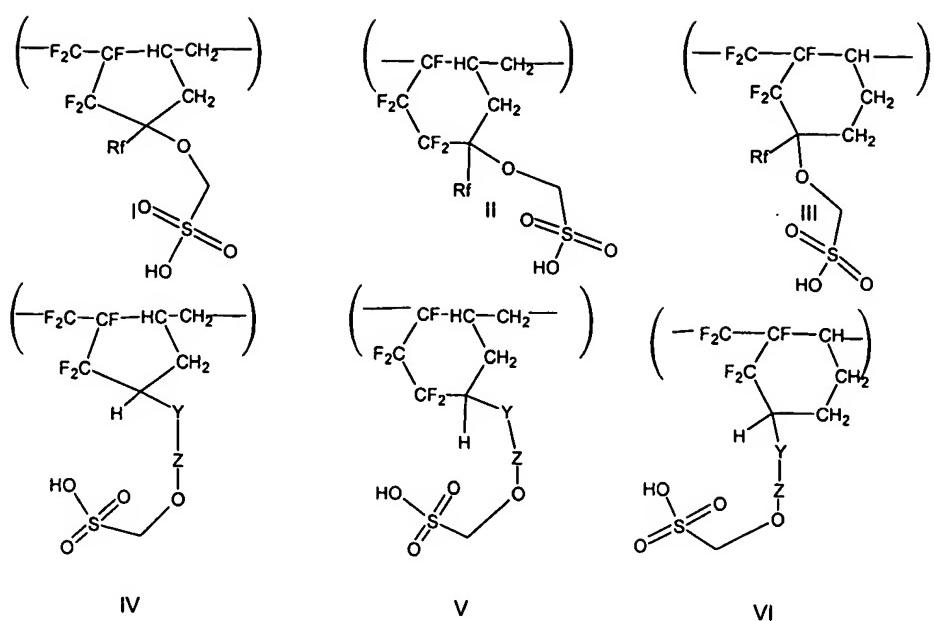


Figure 13: Partially fluorinated monocyclic polymers

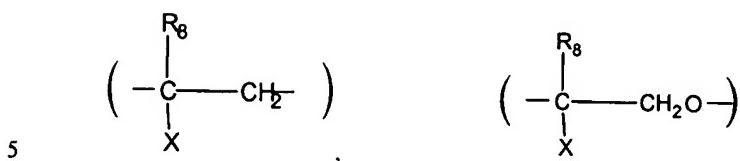


Figure 14: Examples of comonomeric repeat units.